

| | | |
|---|----------------------|----------------------------------|
| Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets if necessary) Page 1 of 2 | Application Number | Not Yet Known |
| | Filing Date | July 1, 2003 |
| | First Named Inventor | Bylander, James R. |
| | Art Unit | Not Yet Known 2874 |
| | Examiner Name | Not Yet Known J. Kahl |
| | Attorney Case Number | 58620US002 |

| U.S. Patent Documents | | | | | | |
|-----------------------|----------|-----------------------------|--------------------------------|--|---|--|
| Exam. Init.* | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | | Number-Kind Code (if known) | | | | |
| JRK | A1 | US- 4,953,939 | 09-04-1990 | Epworth | | |
| JRK | A2 | US- 5,613,023 | 03-18-1997 | Guillon et al | | |
| JRK | A3 | US- 5,671,307 | 09-23-1997 | Lauzon et al | | |
| JRK | A4 | US- 5,694,501 | 12-02-1997 | Alavie et al | | |
| JRK | A5 | US- 5,982,963 | 11-09-1999 | Feng et al | | |
| JRK | A6 | US- 6,081,640 | 06-27-2000 | Ouellette et al | | |
| JRK | A7 | US- 6,122,421 | 09-19-2000 | Adams et al | | |
| JRK | A8 | US- 6,148,127 | 11-14-2000 | Adams et al | | |
| JRK | A9 | US- 6,169,831 B1 | 01-02-2001 | Adams et al | | |
| JRK | A10 | US- 6,181,852 B1 | 01-30-2001 | Adams et al | | |
| JRK | A11 | US- 6,301,423 B1 | 10-09-2001 | Olson | | |
| JRK | A12 | US- 2001/0048788 A1 | 12-06-2001 | Xie et al | | |
| JRK | A13 | US- 6,345,134 B1 | 02-05-2002 | Laming et al | | |
| JRK | A14 | US- 6,363,187 B1 | 03-26-2002 | Fells et al | | |

| Foreign Patent Documents | | | | | | |
|--------------------------|----------|-------------------------|-----------------------------|--------------------------------|--|---|
| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Clty. Code | Number-Kind Code (if known) | | | |
| JRK | B1 | WO | 01/37015 A1 | 05-25-2001 | | |
| JRK | B2 | WO | 01/40835 A2 | 06-07-2001 | | |
| JRK | B3 | WO | 01/90790 A1 | 11-29-2001 | | |
| | B4 | | | | | |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | |
|--|----------|--|
| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published |
| JRK | C1 | M. LeBLANC, et al; "Tunable Chirping of a Fibre Bragg Grating Using a Tapered Cantilever Bed", <i>Electronics Letters</i> (8 December 1994); Vol. 30, No. 25; pp. 2163-2164 |
| JRK | C2 | S.Y. SET, et al; "Tunable Nonlinearly-Bend-Chirped Fiber Bragg Grating for Third-Order Dispersion Compensation", <i>Conference on Lasers and Electro-Optics - Technical Digest</i> (2001); Baltimore, MD; pp. 496-497 |

| | |
|---|--------------------------------------|
| *Examiner: <i>J. Kahl</i> | Date Considered: <i>July 7, 2003</i> |
| EXAMINER: Initial reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

BEST AVAILABLE COPY

4/13/05

| | | |
|---|----------------------|-----------------------|
| Substitut for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets if necessary) Page 2 of 2 | Application Number | Not Yet Known |
| | Filing Date | 7/1/02 |
| | First Named Inventor | Bylander, James R. |
| | Art Unit | Not Yet Known 2874 |
| | Examiner Name | Not Yet Known J. Rehl |
| | Attorney Case Number | 58620US002 |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | |
|--|----------|--|
| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
| JRM | C3 | C. HU, et al; "Passive Athermal-Packaged Tunable Fiber Bragg Grating for OADM's", 4th Pacific Rim Conference on Lasers and Electro-Optics - Technical Digest (July 2001); Chiba, Japan; pp. I-408 - I-409 |
| JR | C4 | A-PING ZHANG, et al; "Experimental and Theoretical Analysis of Fiber Bragg Gratings Under Lateral Compression", Optics Communications (15 May 2002); Elsevier Science B.V.; Vol. 206; pp. 81-87 |

| | |
|--|--------------------------|
| *Examiner: JRM | Date Considered: 4/13/05 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

Application Number

10/610962

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

July 1, 2003

First Named Inventor

Bylander, James R.

Art Unit

2874

Examiner Name

Unknown J. Rahl

Attorney Case Number

58620US002

(Use as many sheets if necessary)

Page 1 of 1

U.S. Patent Documents

| Exam. Init.* | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------|----------|-----------------------------|--------------------------------|---|---|
| | | Number-Kind Code (if known) | | | |
| JR | A1 | US- 6,233,374 B1 | 05-15-2001 | Ogle et al | |
| | A2 | US- | | | |
| | A3 | US- | | | |
| | A4 | US- | | | |
| | A5 | US- | | | |
| | A6 | US- | | | |
| | A7 | US- | | | |
| | A8 | US- | | | |
| | A9 | US- | | | |
| | A10 | US- | | | |
| | A11 | US- | | | |

Foreign Patent Documents

| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation (Check if yes) |
|--------------|----------|-------------------------|-----------------------------|--------------------------------|---|---|-------------------------------|
| | | Ctry. Code | Number-Kind Code (if known) | | | | |
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |
| | B4 | | | | | | |
| | B5 | | | | | | |
| | B6 | | | | | | |
| | B7 | | | | | | |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Exam. Init. | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
|-------------|----------|--|
| | C1 | |
| | C2 | |
| | C3 | |

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MAR 02 2005

Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets if necessary)

Page 1 of 1

Application Number

10/610962

Filing Date

July 1, 2003

First Named Inventor

Bylander, James R.

Art Unit

2874

Examiner Name

Unknown

Attorney Case Number

58620US002

U.S. Patent Documents

| Exam. Init.* | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------|-------------|-----------------------------|--------------------------------|--|---|
| | | Number-Kind Code (if known) | | | |
| JR | A1 | US- 6,055,348 | 04-25-2000 | Jin et al | |
| JR | A2 | US- 6,278,811 B1 | 08-21-2001 | Hay et al | |
| JR | A3 | US- 6,361,299 B1 | 03-26-2002 | Quigley et al | |
| JR | A4 | US- 2002/0131709 A1 | 09-19-2002 | Miller et al | |
| JR | A5 | US- 6,493,486 B1 | 12-10-2002 | Chen | |
| JR | A6 | US- 6,738,536 B2 | 05-18-2004 | Boettcher et al | |
| | A7 | US- | | | |
| | A8 | US- | | | |
| | A9 | US- | | | |
| | A10 | US- | | | |
| | A11 | US- | | | |

Foreign Patent Documents

| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation (Check if yes) |
|-----------------|-------------|-------------------------|-----------------------------|--------------------------------|--|---|-------------------------------|
| | | Ctry. Code | Number-Kind Code (if known) | | | | |
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |
| | B4 | | | | | | |
| | B5 | | | | | | |
| | B6 | | | | | | |
| | B7 | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
|-----------------|-------------|--|
| | C1 | |
| | C2 | |
| | C3 | |

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 1 of 1

| | |
|----------------------|------------------------|
| Application Number | 10/610962 |
| Filing Date | July 1, 2003 |
| First Named Inventor | Bylander, James R. |
| Art Unit | 2874 |
| Examiner Name | Unknown <i>J. Kahl</i> |
| Attorney Case Number | 58620US002 |

U.S. Patent Documents

| Exam. Init.* | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------|----------|-----------------------------|--------------------------------|--|---|
| | | Number-Kind Code (if known) | | | |
| <i>JTR</i> | A1 | US- 6,360,042 B1 | 03-19-2002 | Long | <u> </u> |
| | A2 | US- | | | |
| | A3 | US- | | | |
| | A4 | US- | | | |
| | A5 | US- | | | |
| | A6 | US- | | | |
| | A7 | US- | | | |
| | A8 | US- | | | |
| | A9 | US- | | | |
| | A10 | US- | | | |
| | A11 | US- | | | |

Foreign Patent Documents

| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation (Check if yes) |
|--------------|----------|-------------------------|-----------------------------|--------------------------------|--|---|-------------------------------|
| | | Ctry. Code | Number-Kind Code (if known) | | | | |
| <i>JTR</i> | B1 | JP | 2001-296418 | 10-26-2001 | <u> </u> | <u> </u> | <u> </u> |
| | B2 | | | | | | |
| | B3 | | | | | | |
| | B4 | | | | | | |
| | B5 | | | | | | |
| | B6 | | | | | | |
| | B7 | | | | | | |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
|--------------|----------|--|
| | C1 | |
| | C2 | |
| | C3 | |

*Examiner:

Date Considered:

4/13/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☐ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.